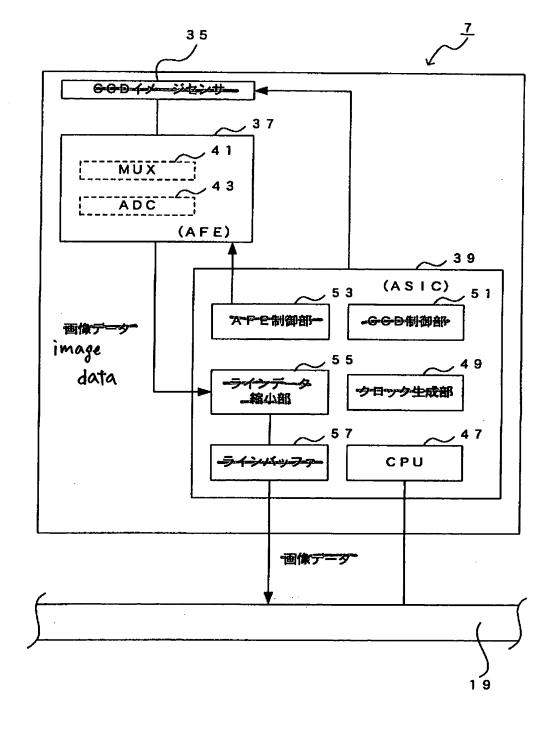
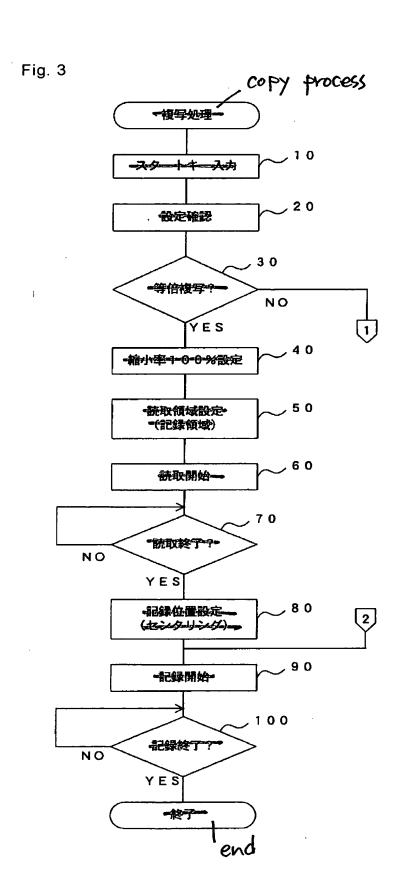


- 7: READING SECTION
- 9: RECORDING SECTION
- 11: OPERATION SECTION
- 13: IMAGE MEMORY
- 15: CODEC
- 17: DISPLAY SECTION
- 18: RATIO CHANGING SECTION
- 21: START KEY
- 23: AUTO REDUCTION MODE KEY
- 25: ACTUAL-SIZE COPY MODE KEY
- 27: FIXED REDUCTION MODE KEY
- 29: REDUCTION RATIO SETTING KEY
- 31: PAPER SIZE SETTING KEY
- 33: DOCUMENT SIZE SETTING KEY

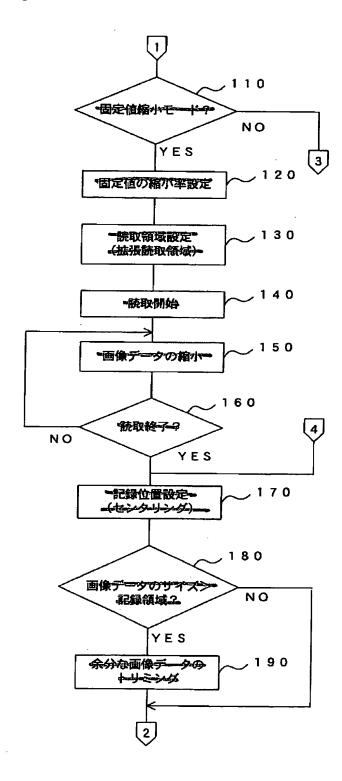
Fig. 2



- 35: CCD IMAGE SENSOR
- 49: CLOCK GENERATION SECTION
- 51: CCD CONTROL SECTION
- 53: AFE CONTROL SECTION
- 55: LINE DATA REDUCTION SECTION
- 57: LINE BUFFER

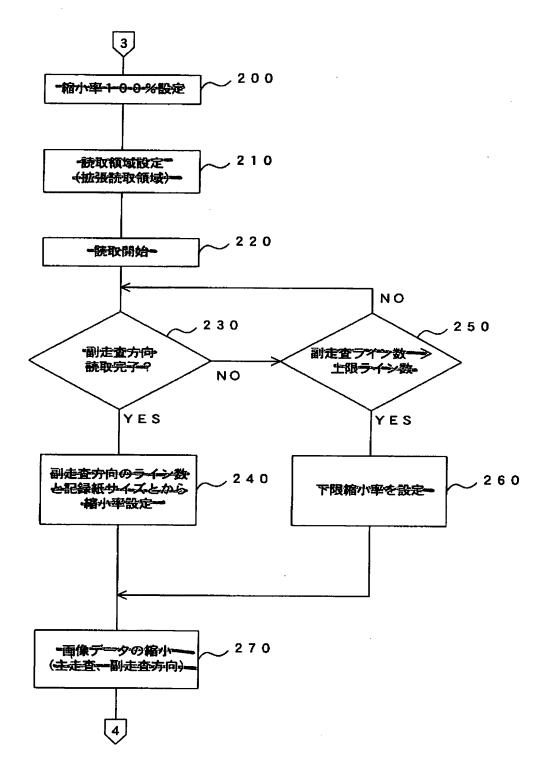


- 10: INPUT START KEY.
- 20: CONFIRM SETTINGS.
- 30: IS IT ACTUAL-SIZE COPY?
- 40: SET REDUCTION RATIO AT 100 %.
- 50: SET READING AREA (RECORDING AREA).
- 60: START READING.
- 70: IS READING COMPLETED?
- 80: SET RECORDING POSITION (CENTERING).
- 90: START RECORDING.
- 100: IS RECORDING COMPLETED?

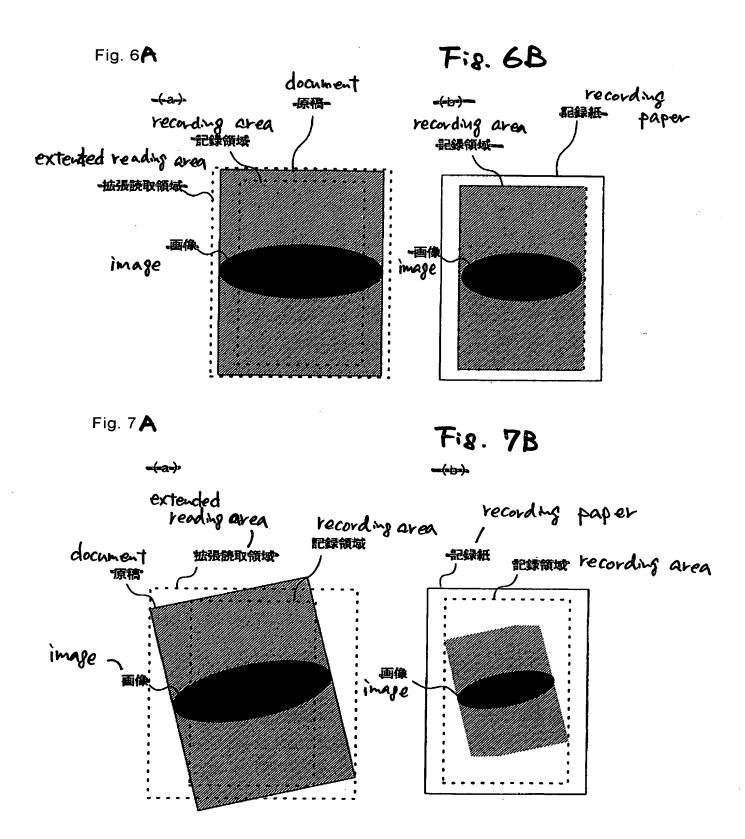


- 110: IS IT FIXED REDUCTION MODE?
- 120: SET REDUCTION RATIO AT FIXED VALUE.
- 130: SET READING AREA (EXTENDED READING AREA).
- 140: START READING.
- 150: REDUCE IMAGE DATA.
- 160: IS READING COMPLETED?
- 170: SET RECORDING POSITION (CENTERING).
- 180: IS THE SIZE OF IMAGE DATA LARGER THAN THE RECORDING AREA?
- 190: TRIM EXTRA IMAGE DATA.

Fig. 5

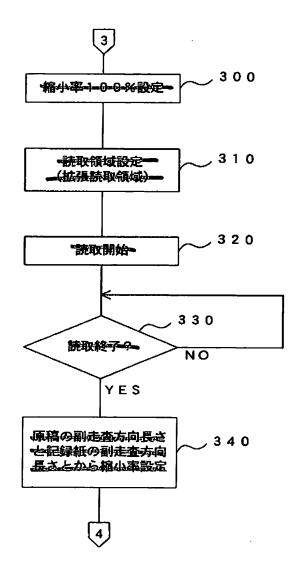


- 200: SET REDUCTION RATIO AT 100 %.
- 210: SET READING AREA (EXTENDED READING AREA).
- 220: START READING.
- 230: IS READING IN SUB-SCANNING DIRECTION COMPLETED?
- 240: SET REDUCTION RATIO ON THE BASIS OF NUMBER OF LINES IN
- SUB-SCANNING DIRECTION AND SIZE OF RECORDING PAPER.
- 250: IS NUMBER OF SUB-SCANNING LINES LARGER THAN UPPER LIMIT IN NUMBER OF LINES?
- 260: SET LOWER LIMIT OF REDUCTION RATIO AS REDUCTION RATIO.
- 270: REDUCE IMAGE DATA (IN MAIN SCANNING AND SUB-SCANNING DIRECTIONS).



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Fig. &



- 300: SET REDUCTION RATIO AT 100 %.
- 310: SET READING AREA (EXTENDED READING AREA).
- 320: START READING.
- 330: IS READING COMPLETED?
- 340: SET REDUCTION RATIO ON THE BASIS OF THE LENGTH OF DOCUMENT
- IN SUB-SCANNING DIRECTION AND THE LENGTH OF RECORDING PAPER
- IN SUB-SCANNING DIRECTION.

Prior Art

Fig. 9A

Fig. 9B

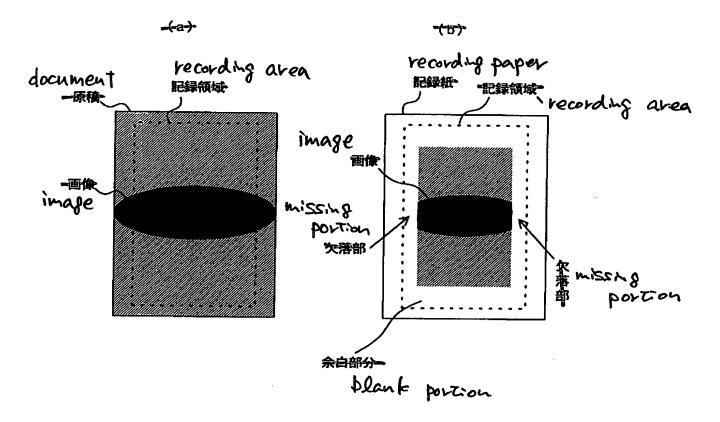
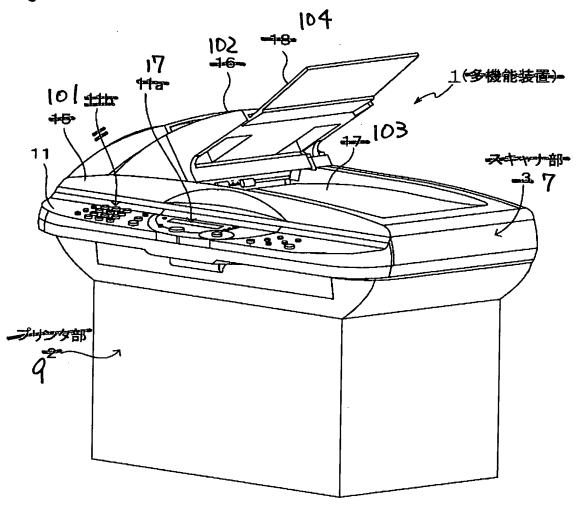


Fig. 10



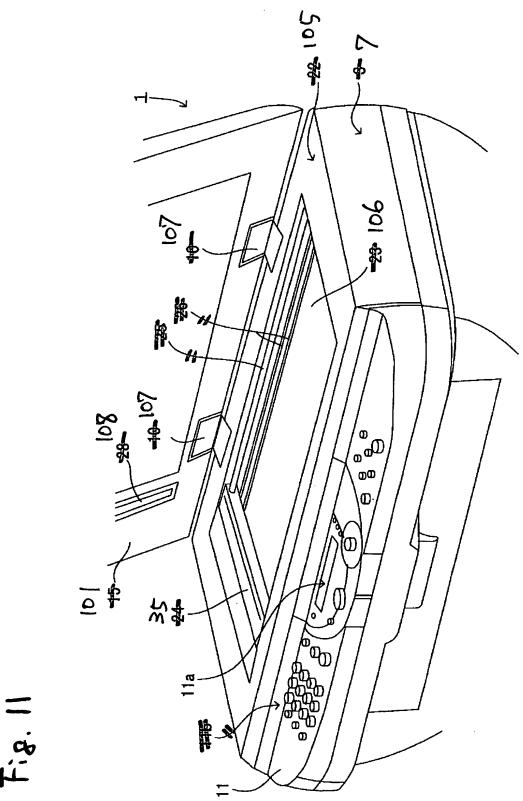
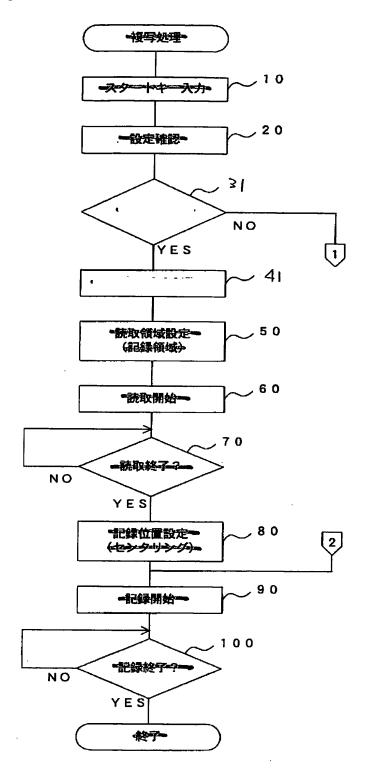


Fig. 12



- 10: INPUT START KEY.
- 20: CONFIRM SETTINGS.
- 31: INPUT VALUE ≥ THRESHOLD VALUE?
- 41: SET INPUT VALUE AS REDUCTION RATIO
- 50: SET READING AREA (RECORDING AREA).
- 60: START READING.
- 70: IS READING COMPLETED?
- 80: SET RECORDING POSITION (CENTERING).
- 90: START RECORDING.
- 100: IS RECORDING COMPLETED?